

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/866,034

DATE: 06/15/2001

TIME: 17:23:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\06152001\I866034.raw

ENTERED

3 <110> APPLICANT: Botstein, David
4 Desnoyers, Luc
5 Ferrara, Napoleone
6 Fong, Sherman
7 Gao, Wei-Qiang
8 Goddard, Audrey
9 Gurney, Austin L.
10 Pan, James
11 Roy, Margaret Ann
12 Stewart, Timothy A.
13 Tumas, Daniel
14 Watanabe, Colin K.
15 Wood, William I.
17 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
18 Acids Encoding the Same
20 <130> FILE REFERENCE: P2930R1C1
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C--> 22 <141> CURRENT FILING DATE: 2001-05-25
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25 <150> PRIOR APPLICATION NUMBER: 60/112,851
W--> 26 <151> PRIOR FILING DATE: December 16, 1998
28 <150> PRIOR APPLICATION NUMBER: 60/113,145
W--> 29 <151> PRIOR FILING DATE: December 16, 1998
31 <150> PRIOR APPLICATION NUMBER: 60/113,511
W--> 32 <151> PRIOR FILING DATE: December 22, 1998
34 <150> PRIOR APPLICATION NUMBER: 60/115,558
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37 <150> PRIOR APPLICATION NUMBER: 60/115,565
W--> 38 <151> PRIOR FILING DATE: January 12, 1999
40 <150> PRIOR APPLICATION NUMBER: 60/115,733
W--> 41 <151> PRIOR FILING DATE: January 12, 1999
43 <150> PRIOR APPLICATION NUMBER: 60/119,341
W--> 44 <151> PRIOR FILING DATE: February 9, 1999
46 <150> PRIOR APPLICATION NUMBER: 60/119,537
W--> 47 <151> PRIOR FILING DATE: February 10, 1999
49 <150> PRIOR APPLICATION NUMBER: 60/119,965
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52 <150> PRIOR APPLICATION NUMBER: 60/162,506
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55 <150> PRIOR APPLICATION NUMBER: 60/170,262
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58 <150> PRIOR APPLICATION NUMBER: 60/187,202
W--> 59 <151> PRIOR FILING DATE: March 3, 2000
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/12252
W--> 62 <151> PRIOR FILING DATE: June 2, 1999
64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28634

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      73 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
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      76 <150> PRIOR APPLICATION NUMBER: PCT/US00/05841
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      79 <150> PRIOR APPLICATION NUMBER: PCT/US00/08439
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      82 <150> PRIOR APPLICATION NUMBER: PCT/US00/14941
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      85 <150> PRIOR APPLICATION NUMBER: PCT/US00/15264
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      88 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
W--> 89 <151> PRIOR FILING DATE: December 1, 2000
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      94 <211> LENGTH: 1283
      95 <212> TYPE: DNA
      96 <213> ORGANISM: Homo sapiens
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      99  cggacgcgtg ggaccatac ttgctgggtct gatccatgca caaggcgggg 50
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     103  cgggatgacc cgccgggacc cgctcgcaaa taaggtggcc ctggtaacgg 150
     105  cctccaccga cgggatcggc ttgcctatcg cccggcggtt ggcccaggac 200
     107  ggggccccatg tggctgtcag cagccggaag cagcagaatg tggaccaggc 250
     109  ggtggccacg ctgcaggggg aggggctgag cgtgacgggc accgtgtgcc 300
     111  atgtggggaa ggcggaggac cgggagcggc tgggtggccac ggctgtgaag 350
     113  cttcatggag gtatcgatat cctagtctcc aatgctgctg tcaacccttt 400
     115  ctttgaagc ataatggatg tcaactgagga ggtgtgggac aagactctgg 450
     117  acattaatgt gaaggcccca gccctgatga caaaggcagt ggtgccagaa 500
     119  atggagaaac gaggaggcgg ctcaagtggg atcgtgtctt ccatagcagc 550
     121  cttcagtcga tctcctggct tcagtcctta caatgtcagt aaaacagcct 600
     123  tgctgggcct gaccaagacc ctggccatag agctggcccc aaggaacatt 650
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     127  gctctggatg gacaaggaaa aagaggaaaag catgaaagaa accctgcgga 750
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     135  ttgggctcta gctcctgggt ctgttctctg attcaccac tgcccttctc 950
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     139  aaaagatcca gccttccctg ccgtcaagggt ggcgtcttac tcgggattcc 1050
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     145  ctgggccact ggtgaatctg aggggtgatg ggagagaagg aacctggagt 1200
     147  ggaaggagca gagttgcaaa ttaacagctt gcaaatgagg tgcaaataaa 1250
     149  atgcagatga ttgcgcggct ttgaaaaaaa aaa 1283

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151 <210> SEQ ID NO: 2
152 <211> LENGTH: 278
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 2
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160 Ser Val Arg Met Ala Ser Ser Gly Met Thr Arg Arg Asp Pro Leu
161      20      25      30
163 Ala Asn Lys Val Ala Leu Val Thr Ala Ser Thr Asp Gly Ile Gly
164      35      40      45
166 Phe Ala Ile Ala Arg Arg Leu Ala Gln Asp Gly Ala His Val Val
167      50      55      60
169 Val Ser Ser Arg Lys Gln Gln Asn Val Asp Gln Ala Val Ala Thr
170      65      70      75
172 Leu Gln Gly Glu Gly Leu Ser Val Thr Gly Thr Val Cys His Val
173      80      85      90
175 Gly Lys Ala Glu Asp Arg Glu Arg Leu Val Ala Thr Ala Val Lys
176      95     100     105
178 Leu His Gly Gly Ile Asp Ile Leu Val Ser Asn Ala Ala Val Asn
179     110     115     120
181 Pro Phe Phe Gly Ser Ile Met Asp Val Thr Glu Glu Val Trp Asp
182     125     130     135
184 Lys Thr Leu Asp Ile Asn Val Lys Ala Pro Ala Leu Met Thr Lys
185     140     145     150
187 Ala Val Val Pro Glu Met Glu Lys Arg Gly Gly Gly Ser Val Val
188     155     160     165
190 Ile Val Ser Ser Ile Ala Ala Phe Ser Pro Ser Pro Gly Phe Ser
191     170     175     180
193 Pro Tyr Asn Val Ser Lys Thr Ala Leu Leu Gly Leu Thr Lys Thr
194     185     190     195
196 Leu Ala Ile Glu Leu Ala Pro Arg Asn Ile Arg Val Asn Cys Leu
197     200     205     210
199 Ala Pro Gly Leu Ile Lys Thr Ser Phe Ser Arg Met Leu Trp Met
200     215     220     225
202 Asp Lys Glu Lys Glu Glu Ser Met Lys Glu Thr Leu Arg Ile Arg
203     230     235     240
205 Arg Leu Gly Glu Pro Glu Asp Cys Ala Gly Ile Val Ser Phe Leu
206     245     250     255
208 Cys Ser Glu Asp Ala Ser Tyr Ile Thr Gly Glu Thr Val Val Val
209     260     265     270
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214 <210> SEQ ID NO: 3

215 <211> LENGTH: 21

216 <212> TYPE: DNA

C--> 217 <213> ORGANISM: Artificial

219 <220> FEATURE:

W--> 220 <221> NAME/KEY: Artificial Sequence

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Input Set : A:\ES.txt

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221 <222> LOCATION: 1-21
222 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
224 <400> SEQUENCE: 3
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227 <210> SEQ ID NO: 4
228 <211> LENGTH: 23
229 <212> TYPE: DNA
C--> 230 <213> ORGANISM: Artificial
232 <220> FEATURE:
W--> 233 <221> NAME/KEY: Artificial Sequence
234 <222> LOCATION: 1-23
235 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 4
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240 <210> SEQ ID NO: 5
241 <211> LENGTH: 46
242 <212> TYPE: DNA
C--> 243 <213> ORGANISM: Artificial
245 <220> FEATURE:
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247 <222> LOCATION: 1-46
248 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
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254 <211> LENGTH: 3121
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
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263 ggcgcagcag ctgctgaccc tgcagaacca ggtggcgcgg ctggaggagg 150
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267 ctgcagagcg accggctgcg tgagcagcag gaggagatgg tggaaactgcg 250
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293 ggccctgaac cgccagcaca gccagcgtat ccgggagctg gagcaggagg 900
295 cagagcaggt gcgggcccag ctgagtgaag gccagaggca gctgcgggag 950
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301 agaagaagca ggctacggag cggctggtgt cactgtcggc ccagagttag 1100
303 aagcgactgc aggagctcga gcggaacgtg cagctcatgc ggcagcagca 1150
305 gggacagctg cagagggcggc ttgcgcagga gacggagcag aagcggcgcc 1200
307 tggaggcaga aatgagcaag cggcagcacc gcgtcaagga gctggagctg 1250
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311 ggccttccag aggaagaggc gcagtggcag caacggctct gtggtcagcc 1350
313 tggaacagca gcagaagatt gaggagcaga agaagtggct ggaccaggag 1400
315 atggagaagg tgctacagca gcggcgggcg ctggaggagc tgggggagga 1450
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319 agaagacggg gctggagagc aagcgcctga gatccagcca ggccctcaac 1550
321 gaggacatcg tgcgagtgtc cagccggctg gagcacctgg agaaggagct 1600
323 gtccgagaag agcgggcagc tgcggcaggg cagcgcgccag agccagcagc 1650
325 agatcccgcg ggagatcgac agcctgcgcc aggagaagga ctcgctgctc 1700
327 aagcagcgcc tggagatcga cggcaagctg aggcagggga gtctgctgtc 1750
329 ccccgaggag gagcggacgc tgttccagtt ggatgaggcc atcgaggccc 1800
331 tggatgctgc cattgagtat aagaatgagg ccatacatg ccgccagcgg 1850
333 gtgcttcggg cctcagcctc gttgctgtcc cagtgcgaga tgaacctcat 1900
335 ggccaagctc agctacctct catcctcaga gaccagagcc ctctctgca 1950
337 agtattttga caagggtgtg acgctccgag aggagcagca ccagcagcag 2000
339 attgccttct cggaaactga gatgcagctg gaggagcagc agaggctggt 2050
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383 aaaaaaatc tttgaaggga c 3121
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386 <211> LENGTH: 830
387 <212> TYPE: PRT
388 <213> ORGANISM: Homo sapiens
390 <400> SEQUENCE: 7
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/866,034

DATE: 06/15/2001

TIME: 17:23:03

Input Set : A:\ES.txt

Output Set: N:\CRF3\06152001\I866034.raw

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L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:26 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
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L:2088 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
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